



**PON03PE\_00185\_2 Project - "Safety link for sea-land logistics"** – Development of systems, technologies and advanced sensors for the acquisition of important information for the purpose of road safety and the integrity of goods and for the identification and tracking of people, vehicles and goods.

**Partner.** Grimaldi Group, Magsistem Srl, Air Support Srl, Sudget S.c.ar.l., CNR-ISSM, CO.RI.SA., CNIT, UniParthenope.

**Duration of the project:** 51 months.

**Budget.** € 5 MLN

The project, co-financed by the European Union and by the MIUR within the PON Research and Innovation 2007-2013 ([www.ponricerca.gov.it](http://www.ponricerca.gov.it)), has as its main purpose the study, definition and development of systems and technologies that guarantee greater security and efficiency in the exchange of goods, vehicles and people in the road corridor between the port of Salerno and the Nola inland port, to improve safety and land logistics at the local level.

It is therefore intended to address the issue of safety for the road-and-port road connection starting from a prior assessment of the level of risk and then developing an information system for road safety that takes into account the use of shuttles for the port-freight connection of goods . Through a careful analysis we will proceed to define a rearrangement of procedures and internal and external port traffic to define new operational strategies and develop monitoring systems for the management of the vehicle fleet used between the two logistic nodes.

The object of the research will also be the study and integration of advanced sensors for the acquisition of sensitive information for the purposes of road safety, the integrity of goods and for the identification and tracking of people, vehicles and goods not in the port area , but in the areas of connection between the port and the inland and within the inland port itself.

The project will also assess the feasibility of introducing new LNG bunkering facilities to support the technological modernization of low environmental impact fuel supply systems. These technologies must be integrated with existing ones.

The project will conclude with the creation of a demonstrator and the final checks necessary for the validation of the entire system and data and with activities aimed at training logistics operators for their gradual approach to the remodeling of processes and the use of integrated information systems and the new technologies introduced.



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